

=> d his 11-15

(FILE 'HOME' ENTERED AT 10:28:48 ON 15 MAY 2003)

FILE 'STNGUIDE' ENTERED AT 10:28:59 ON 15 MAY 2003

FILE 'REGISTRY' ENTERED AT 10:37:18 ON 15 MAY 2003

```
L1      0 S CHPQFC(ADEFGINSV){0,1}(ADEHILMQS){0,1}(DEFHIMNPVW){0,1}(ADET)
L2      0 S HPQF(ADEFGINSV){0,1}(ADEHILMQS){0,1}(DEFHIMNPVW){0,1}(ADET)DR
L3      0 S CHPQFCSWR(ADEFGINSV){0,1}(ADEHILMQS){0,1}(DEFHIMNPVW){0,1}(AD
L4      0 S WHPQFSS(ADEFGINSV){0,1}(ADEHILMQS){0,1}(DEFHIMNPVW){0,1}(ADET
L5      0 S PCHPQFPRCY(ADEFGINSV){0,1}(ADEHILMQS){0,1}(DEFHIMNPVW){0,1}(A
```

=> d que 11

```
L1      0 SEA FILE=REGISTRY ABB=ON PLU=ON CHPQFC(ADEFGINSV){0,1}(ADEHIL
      MQS){0,1}(DEFHIMNPVW){0,1}(ADET)DR./SQSP
```

=> d que 12

```
L2      0 SEA FILE=REGISTRY ABB=ON PLU=ON HPQF(ADEFGINSV){0,1}(ADEHILMQ
      S){0,1}(DEFHIMNPVW){0,1}(ADET)DR./SQSP
```

=> d que 13

```
L3      0 SEA FILE=REGISTRY ABB=ON PLU=ON CHPQFCSWR(ADEFGINSV){0,1}(ADE
      HILMQS){0,1}(DEFHIMNPVW){0,1}(ADET)DR./SQSP
```

=> d que 14

```
L4      0 SEA FILE=REGISTRY ABB=ON PLU=ON WHPQFSS(ADEFGINSV){0,1}(ADEHI
      LMQS){0,1}(DEFHIMNPVW){0,1}(ADET)DR./SQSP
```

=> d que 15

```
L5      0 SEA FILE=REGISTRY ABB=ON PLU=ON PCHPQFPRCY(ADEFGINSV){0,1}(AD
      EHILMQS){0,1}(DEFHIMNPVW){0,1}(ADET)DR./SQSP
```

> 0 <
0| 10 IntelliGenetics
> 0 <

Quest - Quick User-directed Expression Search Tool
Release 5.4

-- Outline of search "pep210" --

Selected search type is key against sequence data banks or files.
Selected scope is Sequence.
Selected sequence key from "new.key":

pep210 (AA) ID pep210 AA preliminary pattern
1 followed by
2 whpqfss
2 a or d or e or f or g or i or n or s or v from 0 to 1 times
2 a or d or e or h or i or l or m or q or s from 0 to 1 times
2 d or e or f or h or i or m or n or p or v or w from 0 to 1 times
2 a or d or e or t
2 dr
2 any character

Selected data banks and files:

Data bank : A-GeneSeq 35.2, all entries
Data bank : Issued_AA , all entries
Data bank : Pending_AA , all entries

-- Output Parameters --

Format Options:		File Options:	
Nucleic acid code matching	Exact	Indirect file	No
Find non-matching hits only	No	Sequence or key file	No
Report key used	Yes	List of hits	Yes
Note position of hit	Yes	Hit display	Yes
Display full annotations	Yes	Name and annotations	Yes
Sequence context	10		

-- Run Parameters --

Run mode	Batch
Time to start comparison	now
Notify at end of run	No

No hits found.

-- Search Statistics --

Times:	CPU	Total Elapsed
	02:57:52.06	03:33:36.00
Number of sequences searched:	5767276	
Number of sequence hits:	0	
Number of separate matches:	0	
Number of sequence hits saved:	0	

! FINDPATTERNS on pir:* allowing 0 mismatches

! 1
WHPQFSS(A,D,E,F,G,I,N,S,V){0,1}(A,D,E,H,I,L,M,Q,S){0,1}(D,E,F,H,I,M,N,P,V,W){0,1}(A,
D,E,T)DRX May 14, 2003 11:53 ..

Databases searched:

NBRF, Release 73.0, Released on 16Aug2002, Formatted on 20Aug2002

Total finds:	0
Total length:	96,134,422
Total sequences:	283,224
CPU time:	02:22.38

! FINDPATTERNS on swp:* allowing 0 mismatches

! 1
WHPQFSS(A,D,E,F,G,I,N,S,V){0,1}(A,D,E,H,I,L,M,Q,S){0,1}(D,E,F,H,I,M,N,P,V,W){0,1}(A,
D,E,T)DRX May 14, 2003 11:55 ..

Databases searched:

SWISS-PROT, Release 40.3, Released on 9Aug2002, Formatted on 20Aug2002
SPTREMBL, Release 21.0, Released on 15Jun2002, Formatted on 28Jun2002

Total finds:	0
Total length:	247,523,443
Total sequences:	784,472
CPU time:	06:30.40

> 0 <
0| 10 IntelliGenetics
> 0 <

Quest - Quick User-directed Expression Search Tool
Release 5.4

-- Outline of search "pep211" --

Selected search type is key against sequence data banks or files.

Selected scope is Sequence.

Selected sequence key from "new.key":

pep211 (AA) ID pep211 AA preliminary pattern
1 followed by
2 pchpqfprcy
2 a or d or e or f or g or i or n or s or v from 0 to 1 times
2 a or d or e or h or i or l or m or q or s from 0 to 1 times
2 d or e or f or h or i or m or n or p or v or w from 0 to 1 times
2 a or d or e or t
2 dr
2 any character

Selected data banks and files:

Data bank : A-GeneSeq 35.2, all entries
Data bank : Issued AA , all entries
Data bank : Pending_AA , all entries

-- Output Parameters --

Format Options:		File Options:	
Nucleic acid code matching	Exact	Indirect file	No
Find non-matching hits only	No	Sequence or key file	No
Report key used	Yes	List of hits	Yes
Note position of hit	Yes	Hit display	Yes
Display full annotations	Yes	Name and annotations	Yes
Sequence context	10		

-- Run Parameters --

Run mode	Batch
Time to start comparison	now
Notify at end of run	No

No hits found.

-- Search Statistics --

Times:	CPU	Total Elapsed
	02:59:22.01	07:09:57.00
Number of sequences searched:		5767276
Number of sequence hits:		0
Number of separate matches:		0
Number of sequence hits saved:		0

! FINDPATTERNS on pir:* allowing 0 mismatches

! 1

PCHPQFPRCY(A,D,E,F,G,I,N,S,V){0,1}(A,D,E,H,I,L,M,Q,S){0,1}(D,E,F,H,I,M,N,P,V,W){0,1}
(A,D,E,T)DRX May 14, 2003 12:04 ..

Databases searched:

NBRF, Release 73.0, Released on 16Aug2002, Formatted on 20Aug2002

Total finds:	0
Total length:	96,134,422
Total sequences:	283,224
CPU time:	02:21.01

! FINDPATTERNS on swp:* allowing 0 mismatches

! 1
PCHPQFPRCY(A,D,E,F,G,I,N,S,V){0,1}(A,D,E,H,I,L,M,Q,S){0,1}(D,E,F,H,I,M,N,P,V,W){0,1}
(A,D,E,T)DRX May 14, 2003 11:57 ..

Databases searched:

SWISS-PROT, Release 40.3, Released on 9Aug2002, Formatted on 20Aug2002

SPTREMBL, Release 21.0, Released on 15Jun2002, Formatted on 28Jun2002

Total finds:	0
Total length:	247,523,443
Total sequences:	784,472
CPU time:	06:32.98

```
> 0 <
0| 10 IntelliGenetics
> 0 <
```

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Release 5.4

-- Outline of search "pep5" --

Selected search type is key against sequence data banks or files.

Selected scope is Sequence.

Selected sequence key from "new.key":

```
  pep5 (AA) ID   pep5 AA preliminary pattern
1      followed by
2          chpqfc
2          a or d or e or f or g or i or n or s or v from 0 to 1 times
2          a or d or e or h or i or l or m or q or s from 0 to 1 times
2          d or e or f or h or i or m or n or p or v or w from 0 to 1 times
2          a or d or e or t
2          dr
2          any character
```

Selected data banks and files:

```
Data bank : A-GeneSeq 35.2, all entries
Data bank : Issued_AA , all entries
Data bank : Pending_AA , all entries
```

-- Output Parameters --

Format Options:		File Options:	
Nucleic acid code matching	Exact	Indirect file	No
Find non-matching hits only	No	Sequence or key file	No
Report key used	Yes	List of hits	Yes
Note position of hit	Yes	Hit display	Yes
Display full annotations	Yes	Name and annotations	Yes
Sequence context	10		

-- Run Parameters --

Run mode	Batch
Time to start comparison	now
Notify at end of run	No

No hits found.

-- Search Statistics --

Times:	CPU	Total Elapsed
	02:58:50.03	07:42:50.00
Number of sequences searched:	5767276	
Number of sequence hits:	0	
Number of separate matches:	0	
Number of sequence hits saved:	0	

! FINDPATTERNS on pir:* allowing 0 mismatches

! 1

CHPQFC(A,D,E,F,G,I,N,S,V){0,1}(A,D,E,H,I,L,M,Q,S){0,1}(D,E,F,H,I,M,N,P,V,W){0,1}(A,D
,E,T)DRX May 14, 2003 11:31 ..

Databases searched:

NBRF, Release 73.0, Released on 16Aug2002, Formatted on 20Aug2002

Total finds:	0
Total length:	96,134,422
Total sequences:	283,224
CPU time:	02:21.14

! FINDPATTERNS on swp:* allowing 0 mismatches

! 1
CHPQFC(A,D,E,F,G,I,N,S,V){0,1}(A,D,E,H,I,L,M,Q,S){0,1}(D,E,F,H,I,M,N,P,V,W){0,1}(A,D
,E,T)DRX May 14, 2003 11:51 ..

Databases searched:

SWISS-PROT, Release 40.3, Released on 9Aug2002, Formatted on 20Aug2002
SPTREMBL, Release 21.0, Released on 15Jun2002, Formatted on 28Jun2002

Total finds:	0
Total length:	247,523,443
Total sequences:	784,472
CPU time:	06:28.53

```
> 0 <
0| 10 IntelliGenetics
> 0 <
```

Quest - Quick User-directed Expression Search Tool
Release 5.4

-- Outline of search "pep6" --

Selected search type is key against sequence data banks or files.
Selected scope is Sequence.
Selected sequence key from "new.key":
pep6 (AA) ID pep6 AA preliminary pattern
1 followed by
2 hpqf
2 a or d or e or f or g or i or n or s or v from 0 to 1 times
2 a or d or e or h or i or l or m or q or s from 0 to 1 times
2 d or e or f or h or i or m or n or p or v or w from 0 to 1 times
2 a or d or e or t
2 dr
2 any character

Selected data banks and files:

Data bank : A-GeneSeq 35.2, all entries
Data bank : Issued_AA , all entries
Data bank : Pending_AA , all entries

-- Output Parameters --

Format Options:		File Options:	
Nucleic acid code matching	Exact	Indirect file	No
Find non-matching hits only	No	Sequence or key file	No
Report key used	Yes	List of hits	Yes
Note position of hit	Yes	Hit display	Yes
Display full annotations	Yes	Name and annotations	Yes
Sequence context	10		

-- Run Parameters --

Run mode	Batch
Time to start comparison	now
Notify at end of run	No

No hits found.

-- Search Statistics --

Times:	CPU	Total Elapsed
	02:59:06.07	07:42:42.00
Number of sequences searched:	5767276	
Number of sequence hits:	0	
Number of separate matches:	0	
Number of sequence hits saved:	0	

! FINDPATTERNS on pir:* allowing 0 mismatches

! 1
HPQF(A,D,E,F,G,I,N,S,V){0,1}(A,D,E,H,I,L,M,Q,S){0,1}(D,E,F,H,I,M,N,P,V,W){0,1}(A,D,E
,T)DRX May 14, 2003 11:39 ..

Databases searched:

NBRF, Release 73.0, Released on 16Aug2002, Formatted on 20Aug2002

Total finds:	0
Total length:	96,134,422
Total sequences:	283,224
CPU time:	02:22.14

! FINDPATTERNS on swp:* allowing 0 mismatches

! 1
HPQF(A,D,E,F,G,I,N,S,V){0,1}(A,D,E,H,I,L,M,Q,S){0,1}(D,E,F,H,I,M,N,P,V,W){0,1}(A,D,E
,T)DRX May 14, 2003 11:36 ..

Databases searched:

SWISS-PROT, Release 40.3, Released on 9Aug2002, Formatted on 20Aug2002

SPTREMBL, Release 21.0, Released on 15Jun2002, Formatted on 28Jun2002

Total finds:	0
Total length:	247,523,443
Total sequences:	784,472
CPU time:	06:32.84

> 0 <
0| 10 IntelliGenetics
> 0 <

Quest - Quick User-directed Expression Search Tool
Release 5.4

-- Outline of search "pep7" --

Selected search type is key against sequence data banks or files.

Selected scope is Sequence.

Selected sequence key from "new.key":

pep7 (AA) ID pep7 AA preliminary pattern
1 followed by
2 chpqfcswr
2 a or d or e or f or g or i or n or s or v from 0 to 1 times
2 a or d or e or h or i or l or m or q or s from 0 to 1 times
2 d or e or f or h or i or m or n or p or v or w from 0 to 1 times
2 a or d or e or t
2 dr
2 any character

Selected data banks and files:

Data bank : A-GeneSeq 35.2, all entries
Data bank : Issued_AA , all entries
Data bank : Pending_AA , all entries

-- Output Parameters --

Format Options:		File Options:	
Nucleic acid code matching	Exact	Indirect file	No
Find non-matching hits only	No	Sequence or key file	No
Report key used	Yes	List of hits	Yes
Note position of hit	Yes	Hit display	Yes
Display full annotations	Yes	Name and annotations	Yes
Sequence context	10		

-- Run Parameters --

Run mode	Batch
Time to start comparison	now
Notify at end of run	No

No hits found.

-- Search Statistics --

Times:	CPU	Total Elapsed
	02:58:41.10	07:05:49.00
Number of sequences searched:	5767276	
Number of sequence hits:	0	
Number of separate matches:	0	
Number of sequence hits saved:	0	

! FINDPATTERNS on pir:* allowing 0 mismatches

! 1
CHPQFCSWR(A,D,E,F,G,I,N,S,V){0,1}(A,D,E,H,I,L,M,Q,S){0,1}(D,E,F,H,I,M,N,P,V,W){0,1}(
A,D,E,T)DRX May 14, 2003 11:42 ..

Databases searched:

NBRF, Release 73.0, Released on 16Aug2002, Formatted on 20Aug2002

Total finds:	0
Total length:	96,134,422
Total sequences:	283,224
CPU time:	02:22.70

! FINDPATTERNS on swp:* allowing 0 mismatches

! 1
CHPQFCSWR(A,D,E,F,G,I,N,S,V){0,1}(A,D,E,H,I,L,M,Q,S){0,1}(D,E,F,H,I,M,N,P,V,W){0,1}(
A,D,E,T)DRX May 14, 2003 11:43 ..

Databases searched:

SWISS-PROT, Release 40.3, Released on 9Aug2002, Formatted on 20Aug2002

SPTREMBL, Release 21.0, Released on 15Jun2002, Formatted on 28Jun2002

Total finds:	0
Total length:	247,523,443
Total sequences:	784,472
CPU time:	06:27.95